

NX 300h TECHNICAL SPECIFICATIONS

ENGINE	
Engine code	2AR-FXE
Engine type	4 cylinders in-line, aluminium alloy block and heads
Valve mechanism	16 valve DOHC, VVT-i
Displacement (cc)	2,494
Bore x stroke (mm)	90.0 x 98.0
Compression ratio	12.5.0:1
Total system output – front electric motor and hybrid engine (bhp/DIN hp/kW)	195/197/145
Max. engine power (bhp/DIN hp/kW @ rpm)	153/155/114 @ 5,700
Max. engine torque (Nm @ rpm)	210 @ 4,200-4,400
HYBRID SYSTEM	
Electric motor (front)	
Type	Permanent magnet, synchronous motor
Max. voltage	650
Max. power (bhp/DIN hp/kW)	141/143/105
Max. torque (Nm)	270
Hybrid battery	
Type	Nickel metal-hydride
Nominal voltage	244.8
Number of cells	204
System voltage	650
PERFORMANCE	
0-62mph (sec)	9.2
Max. speed (mph)	112
DIMENSIONS	
Overall length (mm)	4,640
Overall width –mirrors folded (mm)	1,845
Overall width – including mirrors (mm)	2,130
Overall height (mm)	1,645
Wheelbase (mm)	2,660
Track front (mm)	1,580
Track rear (mm)	1,580
Overhang front (mm)	995
Overhang rear (mm)	975
Coefficient of Drag (Cd)	0.32

INTERIOR DIMENSIONS		
Interior length (mm)		2,080
Interior width (mm)		1,520
Interior height (mm)		1,180 1,165 (with panoramic roof)
Luggage capacity (VDA, litres)	Rear seats up	475
	Rear seats folded	1,520
WEIGHTS (kg)		
Kerb weight		1,785 – 1,905
Gross vehicle weight		2,395
Towing capacity – braked		1,500
Towing capacity – unbraked		750
TRANSMISSION		E-CVT
Gear ratios	Forward	3.750
	Reverse	3.542
Differential Gear Ratio		6.859
Driven wheels		All-wheel drive
FUEL CONSUMPTION (WLTP)		
Combined (mpg)		36.6 to 37.1 (AWD) 39.7 – 39.7 (FWD)
Fuel tank capacity (l)		56
EMISSIONS (WLTP), INSURANCE, SERVICING & WARRANTY		
CO ₂ emissions - combined (g/km)	NX (AWD)	171
	NX (FWD)	161
	NX Premium Pack	172
	NX Premium Pack Sport Edition	173 174 with panoramic roof
	NX Premium Plus Pack	172 173 with panoramic roof
	F Sport Premium Pack	173
	F Sport Takumi Pack	174 175 with panoramic roof
	Takumi	172
Insurance groups		29E to 30E
Service intervals		10,000 miles/annually
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Comprehensive warranty		3 years/60,000 miles
Hybrid warranty		5 years/60,000 miles (whichever first)
Corrosion & perforation		12 years/unlimited mileage
Surface rust & paintwork		3 years/unlimited mileage

SUSPENSION		
Front		MacPherson strut
Rear		Trailing arm, double wishbones
BRAKES		
Front (diameter x thickness, mm)		Ventilated discs 328 x 28
Rear (diameter x thickness, mm)		Discs 281 x 12
STEERING		
Type		Rack and pinion, electric power steering
Ratio		14.7:1
Turns (lock to lock)		2.68
Min. turning radius (m)	Tyre	5.7
	Body	6.05
TYRES & WHEELS		
Wheel and tyre size		17in, 225/65R17 (FWD) 18in, 225/60R18 (AWD)

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